

## **CHAPTER 74-03-07**

### **SPECIFIC CROP REQUIREMENTS - GRASSES**

#### **Section**

74-03-07-01	Land Requirements
74-03-07-02	Field Inspection
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74-03-07-04	Specific Seed Standards (Non-Chaffy Seeded Species)

**74-03-07-01. Land requirements.** The following field requirements may be modified when the reproduction of a strain or strains, entering into a specific variety, are under the supervision of an experiment station or seed certification agency.

1. A field, to be eligible for the production of foundation seed, must not have grown or been seeded to the same species during the previous five years.
2. A field, to be eligible for the production of registered or certified seed, must not have been in the production of the same species during the previous year unless the crop was of the same variety or strain and passed field inspection for certification.

**History:** Amended effective May 1, 1986.

**General Authority:** NDCC 4-09-03, 4-09-05, 4-09-16

**Law Implemented:** NDCC 4-09-16, 4-09-17, 4-09-18

**74-03-07-02. Field inspection.** Field inspection will be made each year a seed crop is harvested, after the crop is fully headed, and before harvest.

**General Authority:** NDCC 4-09-03, 4-09-05, 4-09-16

**Law Implemented:** NDCC 4-09-16, 4-09-17, 4-09-18

#### **74-03-07-03. Field standards.**

1. A portion of the field may be accepted for certification if the boundary is well defined.
2. Fields should be rogued before blooming and before inspection is made to remove other species, off-type plants, and weeds, the seeds of which are difficult to separate in cleaning.
3. A seed field to be eligible for the production of foundation, registered, or certified seed must be isolated from any other strain or strains of the same species in bloom at the same time in accordance with the requirements given in the following table:

Minimum Isolation Distance Required (Feet)				
	Symbol	Foundation	Registered	Certified
All cross-pollination species	C	1,320	660	330
Strains entirely apomictic	A	165	165	82.5
Highly self-fertile species	S	165	165	82.5

4. Specific requirements. The maximum field tolerance for other varieties and off-type plants of the same species, when recognized, shall be as follows:

Foundation	0.1 percent
Registered	0.5 percent
Certified	1.0 percent

**History:** Amended effective May 1, 1986; May 1, 1988.

**General Authority:** NDCC 4-09-03, 4-09-16

**Law Implemented:** NDCC 4-09-16, 4-09-17, 4-09-18

### 74-03-07-04. Specific seed standards (non-chaffy seeded species).

Other Varieties (Maximum)					Foundation 0.1%		Registered 1.0%		Certified 1.0%						
Species	Minimum				Maximum										
	Type of Reproduction	Percent of Pure Seed F&R	C	Percent Germination F&R	C	Percent Other Crop F&R	C	Percent Other Grass F&R	C	Percent Inert F&R	C	Percent Weed Seed <sup>1</sup> F&R	C	Objectionable Weed Seeds <sup>2</sup> Per Pound F&R	C
Smooth Bromegrass	C	90	85	80	80	0.2	0.5	0.1	0.5	10.0	15.0	0.25	0.5	9	13
Timothy	C	99	99	80	80	0.2	0.5	0.1	0.2	1.0	1.0	0.20	0.5	9	13
Crested Wheatgrass	C	90	90	80	80	0.2	1.0	0.1	0.5	10.0	10.0	0.25	0.5	9	13
Intermediate Wheatgrass	C	90	90	80	80	0.2	1.0	0.1	0.5	10.0	10.0	0.25	0.5	9	13
Pubescent Wheatgrass	C	90	90	80	80	0.2	1.0	0.1	0.5	10.0	10.0	0.25	0.5	9	13
Slender Wheatgrass	S	90	90	80	80	0.2	1.0	0.1	0.5	10.0	10.0	0.25	0.5	9	13
Tall Wheatgrass	C	90	90	80	80	0.2	1.0	0.1	0.5	10.0	10.0	0.25	0.5	9	13
Western Wheatgrass	C	85	85	60	60	0.2	1.0	0.2	0.5	15.0	15.0	0.25	0.5	9	13
Canada Wildrye	S	90	85	70	70	0.2	1.0	0.1	0.5	10.0	15.0	0.25	0.5	9	13
Russian Wildrye	C	90	90	80	80	0.2	1.0	0.1	0.5	10.0	10.0	0.25	0.5	9	13
Green Needlegrass	S	90	80	65	65	0.2	1.0	0.1	0.5	10.0	20.0	0.25	0.5	9	13
Creeping Foxtail	C	80	80	80	80	0.2	1.0	0.1	0.5	20.0	20.0	0.25	0.5	9	13
Switchgrass	C	95	90	60	60	0.2	1.0	0.2	0.5	5.0	10.0	0.50	1.0	9	13

## Specific Seed Standards (Chaffy Seeded Species).

Other Varieties (Maximum)					Foundation 0.1%		Registered 1.0%		Certified 1.0%						
Species	Minimum				Maximum										
	Type of Reproduction	Percent of Pure Seed F&R	C	Percent Germination F&R	C	Percent Other Crop F&R	C	Percent Other Grass F&R	C	Percent Inert F&R	C	Percent Weed Seed <sup>1</sup> F&R	C	Objectionable Weed Seeds <sup>2</sup> Per Pound F&R	C
Sideoats Grama	C & A	50*	30*	-	-	0.2	1.0	0.1	0.5	-	-	0.5	1.0	9	13
Big Bluestem	C	50*	25*	-	-	0.2	1.0	0.1	0.5	-	-	0.5	1.0	9	13
Sand Bluestem	C	40*	20*	-	-	0.2	1.0	0.1	0.5	-	-	0.5	1.0	9	13
Little Bluestem	C	12*	12*	-	-	0.2	1.0	0.1	0.5	-	-	0.5	1.0	9	13
Indiangrass	C	50*	25*	-	-	0.2	1.0	0.1	0.5	-	-	0.5	1.0	9	13

\* Pure Live Seed Index

<sup>1</sup> Prohibited noxious weed seeds, including seeds of quackgrass, horsenettle, Johnsongrass, wild garlic, and dodder, are not allowed.

<sup>2</sup> Objectionable weed seeds shall contain the following:

	hedge bindweed (wild morning glory)	dragonhead
wild oats	giant ragweed (kinghead)	buckhorn plantain

Percent germination or pure live seed includes percent germination plus percent dormant for North Dakota certification purposes on those kinds of grasses for which the association of official seed analysts (AOSA) rules specifically prescribe that dormancy be determined.

**History:** Amended effective December 18, 1989; September 1, 2002.

**General Authority:** NDCC 4-09-03, 4-09-05, 4-09-16

**Law Implemented:** NDCC 4-09-16, 4-09-17, 4-09-18